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CHEN, Inching [CN/US]; 12869 NW Lorraine Drive, Portland, OR 97229 (US). TSUI, Ernest [US/US]; 11260 Bubb Road, Cupertino, CA 95014 (US).

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(74) Agents: LEMOINE, Dana, B. et al.; Lemoine Patent Services, PLLC, c/o Portfolio IP, P.O. Box 52050, Minneapolis, MN 55402 (US).

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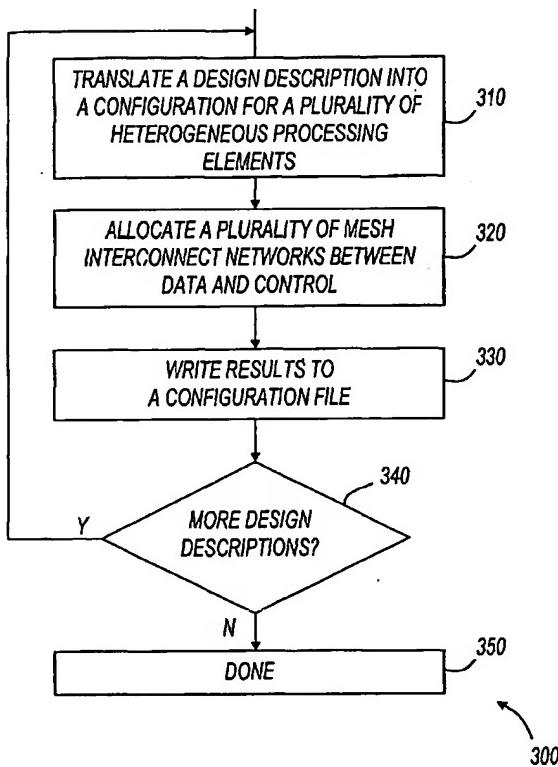
(71) Applicant (*for all designated States except US*): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): HONARY, Hooman [IR/US]; 52 Clermont, Newport Beach, CA 92657 (US).

(54) Title: ALLOCATION OF COMBINED OR SEPARATED DATA AND CONTROL MESH INTERCONNECT NETWORKS

(57) Abstract: A dual mesh interconnect network in a heterogeneous configurable circuit may be allocated between data communication and control communication.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|---|
| X | ALBANESI M G ET AL: "A VLSI 128-processor chip for multiresolution image processing" MASSIVELY PARALLEL COMPUTING SYSTEMS, 1994., PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON ISCHIA, ITALY 2-6 MAY 1994, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 2 May 1994 (1994-05-02), pages 296-307, XP010125887 ISBN: 0-8186-6322-7 abstract | 1,2,5-7, 9-11,14, 15,17, 21-23, 27,28 |
| Y | page 296 - page 299 figures 2,4 ----- -/- | 3,4,12, 18-20, 24-26, 29,30 |

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Alonso Nogueiro, L

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|--|
| X | HUI ZHANG ET AL: "Interconnect architecture exploration for low-energy reconfigurable single-chip DSPs" VLSI '99. PROCEEDINGS. IEEE COMPUTER SOCIETY WORKSHOP ON ORLANDO, FL, USA 8-9 APRIL 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 8 April 1999 (1999-04-08), pages 2-8, XP010330307 ISBN: 0-7695-0152-4 abstract | 1, 2, 5-7, 9-11, 14, 15, 17, 21-23, 27, 28 |
| A | page 2 - page 7 figures 1,7,9,11 ----- MARESCAUX T ET AL: "Networks on chip as hardware components of an OS for reconfigurable systems" FIELD-PROGRAMMABLE LOGIC AND APPLICATIONS. 13TH INTERNATIONAL CONFERENCE, FPL 2003. PROCEEDINGS (LECTURE NOTES IN COMPUT. SCI. VOL.2778) SPRINGER-VERLAG BERLIN, GERMANY, 2003, pages 595-605, XP002345294 ISBN: 3-540-40822-3 page 595 - page 596 page 598 - page 603 ----- | 3, 4, 12, 18-20, 24-26, 29, 30 |
| Y | US 6 226 735 B1 (MIRSKY ETHAN A) 1 May 2001 (2001-05-01) | 3, 4, 12, 18-20, 24-26, 29, 30 |
| A | column 10 - column 11 figures 15-18 ----- | 3, 4, 12, 18-20, 24-26, 29, 30 |

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Information on patent family members

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